SWALLOW.

A NEW ALMANACK

for the Year of our

LORD GOD

1694.

Being the second after Bissextile or Leap-year and from the Worlds Creation, 5697.

Calculated properly for the famous University and Town of *Cambridge*, where the North-Pole is elevated 52 degr. 12 min. above the Horizon.

And may serve indifferently for any other place of this Kingdom.

Omnia falsa mittit tempus.

CAMBRIDGE,

Printed by John Hayes Printer to the University, 1694.

The Vulgar Notes and moveable Feasts for this

Year 1694, in both Accounts, *viz.*

Julian or English.			*Gregorian* or Forreign.	
	4	The Golden Number	4	
		The Dominical Letters		
	14	The Epact	4	
	23	The Cycle of the Sun	23	
Febr.	18	Shrove-sunday	Febr.	21
April	8	Easter-day	April	11
May	17	Ascension-day	May	20
May	27	Whitsunday	May	30
Decemb.	2	Advent-sunday	Novem.	28

The Anatomy of Man's Body.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck and Throat	♏ Scorpio Secret Members
♊ Gemini Arms and Should.	♐ Sagitarius the Thighs
♋ Cancer Breast and Stomach	♑ Capricornus the Knees
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

A

A Table of the four Terms with their Returns

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*	Octab. Hilar.	Jan. 20
	Quind. Hilar.	Jan. 27
	Craft. Purif.	Febr. 3
	Octab. Purif.	Febr. 9
Easter Term begins April 36, ends May 21, and hath 5 returns, *viz.*	Quind. Paſch.	April 23
	Tres Paſch.	April 29
	Menſ. Paſch.	May 6
	Quinq. Paſch.	May 13
	Craſt. Aſcen.	May 18
Trinity Term begins June 8, and ends June 27, and hath 4 returns, *viz.*	Craſt. Trin.	June 4
	Octab. Trin.	June 11
	Quind. Trin.	June 18
	Tres Trin	June 25
Michaelmas Term begins October 23, and ends November the 28, and hath 6 returns, *viz.*	Tres Mich.	Octob. 20
	Menſ. Mich.	Octob. 27
	Craſt. Anim.	Novem. 3
	Craſt. Mart.	Novem. 12
	Octab. Mart	Novem. 19
	Quind. Mart.	Novem. 26

Times prohibiting Marriage

MArriage comes in on the 13 day of January, and at Septuageſima Sunday it is out again untill Low-ſunday; at which time it comes in again, and goes not out till Rogation-ſunday: thence it is forbidden untill Trinity-ſunday, from whence it is unforbidden till Advent-ſunday: but then it goes out, and comes not in again till the 13 day of January next following.

Note that the Exchequer openeth 8 days before any Term begins, except the Term of Trinity, in which it openeth but 4 days before.

Full moon the 1 day, 24 min. past 11 beforenoon.
Last quarter the 8 day, 53 min. past 7 at night.
New moon the 15 day, 14 min. past 11 in the afternoon.
First quarter the 23 day, 39 min. past 7 in the morning.
Full moon the 31 day, 34 min. past 3 in the morning.

1	a	Circumcision	21	56	Canc.	22		
2	b	Octab. Steph.	22	57	Leo	4		Mild weather for the season at the beginning.
3	c	Octab. John	23	58		18		
4	d	Octab. Innoc.	24	59	Virgo	1		
5	e	Simeon	26	1		14		
6	f	Epiphany	27	2		27		
7	g	1 sun. aft. Epi.	28	3	Libra	11		
8	a	Edward	29	4		25		
9	b	Can in Aquar.	☌	5	Scorp.	9		
10	c	Marcellus	1	6		23		
11	d	Agathus	2	7	Sagit.	7		Frosty with some snow or rain.
12	e	Satyrius	3	8		22		
13	f	Hilarius	4	10	Capr.	6		
14	g	2 sun. aft. Epi.	5	11		21		
15	a	Maurice	6	12	Aquar.	5		
16	b	Marcell.	7	13		19		
17	c	Anthony	8	14	Pisces	3		
18	d	Pontian.	9	15		16		
19	e	Fab. Seb.	10	16		29		Cloudy and cold.
20	f	Edward	11	17	Aries	11		
21	g	3 sun. aft. Epi.	12	18		23		
22	a	Vincent	13	19	Taur.	5		
23	b		14	20		17		
24	c	Timothy	15	21		29		
25	d		16	22	Gem.	11		
26	e	Polycarp.	17	23		23		Now Inclining to Frost.
27	f	Chrysost.	18	24	Canc.	5		
28	g	4 sun. aft. Epi.	19	25		17		
29	a	Valerius	20	26	Leo	0		
30	b		21	27		13		
31	c	Saturn	22	28		26		

Last quarter the 7 day, 7 min. past 3 in the morning.
New moon the 14 day, 50 min. past 2 in the morn.
First quarter the 22 day, 1 min. past 1 in the morn.

D. M.	W. D.	Festival days with terms.	☉ place d.	m.	Moons place.		Inclination of the Air.
1	d	Bridget	23	26	Virgo	10	
2	e		24	27		24	
3	f	Blase	25	28	Libra	8	Snow about
4	g		26	29		22	the begining
5	a	Agatha	27	29	Scorp.	6	of the month.
6	b	Dorothy	28	30		20	
7	c	Ingulus	29	30	Sagit.	4	
8	d		0	♑30		18	
9	e	Apollin.	1	31	Capr.	2	
10	f	Scholast.	2	31		16	Variable wea-
11	g		3	32	Aquar.	0	ther and cold.
12	a		4	32		14	
13	b	Eustace	5	32		27	
14	c	*Valentine*	6	32	Pisces	11	
15	d	Faustine	7	33		24	
16	e	Polieron	8	33	Aries	7	Good seasona-
17	f	Hugo	9	33		19	ble weather.
18	g		10	33	Taur.	1	
19	a	Roman	11	33		13	
20	b	Wildred	12	33		25	
21	c	Ash wednesd.	13	33	Gem.	5	
22	d	Juliana	14	33		19	
23	e	Polycarp	15	33	Canc.	1	Towards the
24	f		16	33		13	end high
25	g		17	33		25	winds with
26	a	Simeon	18	33	Leo	8	some Frost.
27	b	Augustin	19	33		21	
28	c		20	33			

Full moon the 1 day, 13 min. past 4 in the afternoon.
Last quarter the 8 day, 40 min. past 9 in the morn.
New moon the 15 day, 41 min. past 5 in the afternoon.
First quarter 23 day, 52 min. past 7 at night.
Full moon the 31 day, 31 min. past 2 in the morning.

1	d	David	21	32	Virgo	19	
2	e	Chad B.	22	32	Libra	3	Tempestuous
3	f	Maurice	23	32		17	but not much
4		2 sund. in Lent	24	31	Scorp.	2	frost.
5	g	Phothas	25	31		16	
6	h	Victor	26	31	Sagit.	1	
7	c	Perpetua	27	30		15	
8	d	Dep. Felix	28	30		29	
9	e	Apollon	29	29	Capr.	13	
10	f		0	♈ 29		26	
11		3 sund. in Lent	1	28	Aquar	10	Some pinching
12	g	Gregory	2	28		23	Frosty morn-
13	h	Euphres	3	27	Pisces	6	ings.
14	c	Theodosie	4	26		19	
15	d	Agapit. M.	5	25	Aries	2	
16	e	Hilarius, &c.	6	25		15	
17	f	Guttrude	7	24		27	
18			8	23	Taur.	9	
19	g	Joseph	9	22		21	Windy and
20	h	Cuthburt	10	21	Gem.	3	cold with some
21	c	Benedict	11	20		15	rain.
22	d	Zphiodos	12	19		27	
23	e	Theodor.	13	18	Canc.	9	
24	f	Sophia	14	17		21	
25			15	16	Leo	3	
26	a	Taffo; M.	16	15		16	
27	b	Persian	17	14		29	
28	c	Rupert	18	13	Virgo	12	Dry towards
29	d	Victoria.	19	12		27	the end of the
30	e	Felix	20	11	Libra	11	month.
31	f	Quirinus	21	10		26	

Laſt quarter the 6 day, 50 min. paſt 4 in the afternoon.
New moon the 14 day, 6 min. paſt 9 in the forenoon.
Firſt quarter the 22 day, 5 min. paſt noon.
Full moon the 29 day, 13 min. paſt 10 in the forenoon.

1				22	7	Scorp.	11	
2	a	Mar. Egypt		23	6		26	
3	b	Richard		24	5	Sagit.	11	Somewhat
4	c	Ambroſe		25	3		25	cold at the be-
5	d	Martian		26	2	Capr.	9	gining.
6	e	*Good Friday*		27	0		23	
7	f	Eughem		28	59	Aquar.	7	
8				29	57		20	
9	a	Vincent		☌ 0	55	Piſces	3	
10	b			1 ♈	53		16	Now more
11	c	Apollin		2	51		29	pleaſant with
12	d	Eugenia		3	49	Aries	11	refreſhing
13	e	Hothar		4	47		24	ſhowers.
14	f	Tiburtis		5	45	Taur.	6	
15				6	43		18	
16	a	Iſidorus		7	41	Gem.	0	
17	b	Olmond		8	39		12	
18	c	Ginther		9	37		23	
19	d	Alphage		10	35	Canc.	5	Some thunder
20	e	Anaſtaſ		11	33		17	with haſty
21	f	Simeon		12	32		29	ſtorms of rain
22		2 after Eaſter		13	29	Leo	12	or hail.
23	a	S. GEORGE		14	27		24	
24	b	Wilfridus		15	25	Virgo	7	
25	c			16	23		21	
26	d	Cletus		17	21	Libra	5	
27	e	Anaſtaſ		18	19		19	Good wea-
28	f	Vitalis		19	18	Scorp.	4	ther ends the
29		3 after Eaſter		20	16		19	month.
30	a			21	14	Sagit.	4	

Laſt quarter the 6 day, 2 min. paſt 2 in the afternoon.
New moon the 14 day, 19 min before 1 in the morn.
Firſt quarter the 22 day, 11 min. paſt 1 in the morning
Full moon the 28 day, 56 min. paſt 5 in the afternoon.

1	b	Phil. & Jacob.	21	12	Sagit.	20		
2	c	Athanas	22	1	Capr.	5	Somewhat	
3	d	Invent. Crucis	23	7		19	wet and cold	
4	e	Chriſtoph.	24	5	Aquar.	3	at the begin-	
5	f	Gothard	25	3		17	ing.	
6		4 after Eaſter	26	0	Piſces	0		
7	g	Joh. Beverly	26	58		13		
8	h	Vpp. S Mich.	27	55		26		
9	i	Ephinach	28	53	Aries	8		
10	k	Gordion	29	50		21	Yet it conti-	
11	l	Sun in Gem.	0	48	Taur.	3	nues with bat-	
12	m	Nereus	1	45		15	tering ſtorms	
13	n	5 after Eaſter	2	43		27	and cold for	
14	o	Bonifac	3	40	Gem.	8	the time of	
15	p	Sophia	4	38		20	the year.	
16	q	Jodocus	5	35	Canc.	2		
17	r	Aſcention day	6	32		14		
18	s	Dionyſius	7	30		26		
19	t	Potentia	8	27	Leo	8		
20	u	6 after Eaſter	9	24		21	Very good	
21	a	Term ends	10	22	Virgo	3	pleaſant wea-	
22	b	Aptimus	11	19		16	ther about this	
23	c	Didier	12	16	Libra	3	time.	
24	d	Brandin	13	13		16		
25	e	Urban	14	11	Scorp.	0		
26	f	Diſcoſid.	15	8		14		
27	g	Whit-Sunda	16	5		28		
28	a	Herman	17	2	Sagit.	13	Some thun-	
29	b	R. Ch. 2. No	17	59		28	der towards	
30	c	Ember week	18	57	Capr.	13	the end.	
31	d	Petronel	19	54		28		

Last quarter the 4 day, 28 min. past 1 in the afternoon.
New moon the 12 day, 22 min. past 3 in the afternoon.
First quarter the 20 day, 22 min. past 11 before noon.
Full moon the 26 day, 51 min. past 11 at night.

1	f	Nicomed	20	51	Aquar.	12		
2	f	Marcel.	21	45		26		
3	g	Trinity Sund.	22	45	Piſces	10	Fine pleaſant	
4	a	Petrochius	23	42		29	ſhowers with	
5	b	Bonifac.	24	39	Aries	5	gentle gales of	
6	c	Claudius	25	36		18	wind.	
7	d	Paulus	26	34	Taur.	0		
8	e	Term begins	27	31		12		
9	f	Tr. Edmund	28	28		24		
10	g	1 after Trin.	29	25	Gem.	5		
11	a	S. Barnabas	0	22		17	Sun in Cancer	
12	b	Solſtitium	1	19		29		
13	c	Baſilius	2	16	Canc.	11		
14	d	Nitus &c.	3	13		23	Now inclining	
15	e	Vaſil.	4	10	Leo	5	to heat with	
16	f	Tr. Richard	5	7		18	thunder.	
17	g	2 after Trin.	6	4	Virgo	0		
18	a	Marc. Mar.	7	1		13		
19	b	Marcellus	7	58		26		
20	c	Tr. Edward	8	55	Libra	9		
21	d	Walburge	9	53		23	More hot with	
22	e	Alban	10	50	Scorp.	7	haſty ſhowers.	
23	f	John & Paul	11	47		22		
24	g	S. John Bapt.	12	44	Sagit.	6		
25	a	Amandus	13	41		21		
26	b	Leo Ep.	14	38	Capr.	6		
27	c	Term ends	15	35		21	Dry and hot	
28	d	Leo P.	16	32	Aquar.	6	towards the	
29	e	S. Pet. & Paul	17	29		21	end.	
30	f	Com. S Paul	18	26	Piſces	5		

Laſt quarter the 4 day, 9 min. paſt 3 in the morning.
New moon the 12 day, 6 min. paſt 6 in the morning.
Firſt quarter the 19 day, 1 min. paſt 6 in the afternoon.
Full moon the 26 day, 50 min. paſt 8 in the forenoon.

1	☌	f	4 after Trin.	19	23	Piſces	18	
2	a		Viſit Mary	20	20	Aries	1	
3	b		Anatolius	21	18		14	Good hay
4	c		Vulpitch	22	15		26	weather at
5	d		Zoe. Mirg.	23	12	Taur.	8	the begining.
6	e		Oct Peter.	24	9		20	
7	f		Apollin	25	6	Gem.	2	
8	☽		5 after Trin.	26	3		14	
9	g		Cyril Ep.	27	0		26	Very hot and
10	h		Sep. Frat.	27	58	Canc.	8	ſultry with
11	c		Benedict	28	55		20	ſome haſty
12	d		Nabor, &c.	29	52	Leo	2	ſhowers, and
13	e		Sun in Leo	0	Ω 49		15	thunder.
14	f		Bonadent	1	46		27	
15	☉		6 after Trin.	2	44	Virgo	10	
16	a		Simond	3	41		23	
17	b		Alexius	4	38	Libra	6	
18	c		Arnolph.	5	36		20	Windy with
19	d		Dog days beg.	6	33	Scorp.	3	ſome black
20	e		Margaret	7	30		17	clouds if not
21	f		Praxeds	8	28	Sagit.	1	rain.
22	☽		7 after Trin.	9	25		16	
23	a		Apollin	10	22	Capr.	0	
24	b		Chriſtiana	11	20		15	
25	c		S. James Ap.	12	17	Aquar.	0	
26	d		Anna	13	15		14	Good ſeaſona-
27	e		Sept. Dorm.	14	12		29	ble weather,
28	f		Felix &c.	15	10	Piſces	13	ends the
29	☽		8 after Trin.	16	7		26	month.
30	g		Abdon	17	5	Aries	9	
31	h		German	18	2		22	

Last quarter the 2 day, 4 min. past 7 at night.
New moon the 10 day, 27 min. past 7 at night.
First quarter the 17 day, 12 min. past 11 at night.
Full moon the 24 day, 30 min. past 6 at night.

1	f	*Lammas day*	19	0	Taur.	5	
2	g	Stephen	19	57		17	
3	a	Dominic	20	55		29	Good weather
4	b	Protus	21	53	Gem.	10	at the begining
5	c	9 after Trin.	22	50		22	and temperate
6	d	Sixtus	23	48	Canc.	4	as to heat.
7	e	Transf. Christi	24	46		16	
8	f	Cyriacus	25	43		28	
9	g	Julian	26	41	Leo	11	
10	a	Laurence	27	39		23	
11	b	Roman.	28	37	Virgo	6	Some winds
12	c	10 after Trin.	29	35		19	with storms of
13	d	Sun in Virgo	0	M33	Libra	3	rain or hail.
14	e	Clara	1	31		16	
15	f	Eusebius	2	29	Scorp.	0	
16	g	Rochus	3	27		14	
17	a	Octab. Laur.	4	25		28	
18	b	Agapitus	5	23	Sagit.	12	Very hot and
19	c	11 after Trin	6	21		26	tempestuous
20	d	Leonard	7	19	Capr.	10	with thunder.
21	e	Bernard	8	17		25	
22	f	Timothy	9	15	Aquar.	9	
23	g	Donatus	10	13		23	
24	a	S. Bartholom.	11	11	Pisces	7	
25	b	Ludovic	12	10		21	Towards the
26	c	12 after Trin	13	8	Aries	4	end hot and
27	d	Dog days end	14	6		17	dry.
28	e	Augustin	15	5	Taur.	0	
29	f	Decol. J. Bapt.	16	3		12	
30	g	Felix	17	2		24	
31	a	Paulinus	18	0	Gem.	6	

Last quarter the 1 day, about 1 in the morning.
New moon the 9 day, 10 min. past 8 in the morning.
First quarter the 16 day, 1 min. past 5 in the morning.
Full moon the 23 day, 8 min. past 7 before noon.

1	f	Egidius	18	58	Gem.	18		
2	g	13 after Trin.	19	57	Canc.	0		
3	a	Augus	20	56		12	Somewhat	
4	b	Tr. Cuthbert	21	54		24	cool with	
5	c	Bertinus	22	53	Leo	6	some wet.	
6	d	Eugenius	23	51		19		
7	e	Nat. of Q. Eliz.	24	50	Virgo	2		
8	f	Nat. of V. Ma.	25	49		15		
9	g	14 after Trin.	26	48		28		
10	a	Hilbins	27	46	Libra	12	Windy and	
11	b	Maurice	28	45		26	moist about	
12	c	Maximin	29	44	Scorp.	10	this time.	
13	d	Sun in Libra	0	43		25		
14	e	Exalt. Crucis	1	42	Sagit.	9		
15	f	Nicomed.	2	41		23		
16	g	15 after Trin.	3	40	Capr.	7		
17	a	Lambert	4	39		21	Good weather	
18	b	Jonnar.	5	38	Aquar.	5	for the time	
19	c	Ember week	6	37		19	of the year.	
20	d	Eustace	7	36	Pisces	3		
21	e	S. Matthew	8	36		16		
22	f	Maurice	9	35		29		
23	g	16 after Trin.	10	34	Aries	13		
24	a	Andoch	11	33		25	Now some-	
25	b	Firminus	12	23	Taur.	8	what cold,	
26	c	Cyprian	13	32		20	raw and misty	
27	d	Cosm. Da.	14	32	Gem.	2	in the mor-	
28	e	Augustin	15	31		14	nings.	
29	f	S. Michael	16	31		26		
30	g	17 after Trin.	17	30	Canc.	8		

Last quarter the 1 day, 44 min. past 7 in the morn.
New moon the 8 day, 32 min. past 7 at night.
First quarter the 15 day, 48 min past 10 beforenoon.
Full moon the 22 day, 34 min. past 10 at night.
Last quarter the 31 day, 36 min. past 2 in the morning.

1	a	Remigius	18	30	Canc.	20	
2	b	Leodegar	19	29	Leo	2	
3	c	Candidus	20	29		14	Cloudy and
4	d	Franciscus	21	29		27	dark at the be-
5	e	Apollin	22	28	Virgo	10	gining.
6	f	Fides	23	28		23	
7	g	18 after Trin.	24	28	Libra	7	
8	a	Pelagia	25	28		21	
9	b	Dionisius	26	28	Scorp.	5	
10	c	Victor &c.	27	27		20	
11	d	Nicasius	28	27	Sagit.	5	Very good
12	e	Wilfred	29	27		17	weather about
13	f	Sun in Scorpio	0	27	Capr.	4	this time.
14	g	19 after Trin.	1	27		18	
15	a	Wolfrag.	2	27	Aquar.	2	
16	b	Gallus	3	27		16	
17	c	Wolstan	4	28		29	
18	d	S. Luke	5	28	Pisces	13	
19	e	Frideswed	6	28		26	Windy with
20	f	Justred	7	28	Aries	9	cold storms of
21	g	20 after Trin.	8	28		21	snow or rain.
22	a	Huberus	9	29	Taur.	4	
23	b	Term begins	10	29		16	
24	c	Magor	11	29		29	
25	d	Mar. Sal.	12	30	Gem.	11	
26	e	Crispin	13	30		13	
27	f	Ursula	14	31	Canc.	4	Towards the
28	g	S. Simon	15	31		16	end inclining
29	a	Narcissus	16	32		28	to frost.
30	b	German	17	32	Leo	10	
31	c	Quintin.	18	33		22	

New moon the 7 day, 10 min. past 6 in the morning.
First quarter the 13 day, 46 min. past 8 at night.
Full moon the 21 day, 42 min past 4 afternoon.
Last quarter the 29 day, 14 min. past 8 at night.

1	b	All Saints	19	33	Virgo	5		
2	c	Omn. Anim.	20	34		18		
3	d	winifred	21	34	Libra	2	Not very cold	
4	e	K. W. 3. born	22	35		15	the season con-	
5	f	Powder Plot	23	36		29	sidered.	
6	g	Leonard	24	37	Scorp.	13		
7	a	Willibrord	25	37		28		
8	b	Quat. Cer.	26	38	Sagit.	13		
9	c	Theodore	27	39		28		
10	d	Martin P.	28	40	Capr.	13	Cold and	
11	e	Sun in. Sagit.	29	41		28	sharp Air a-	
12	f	Ludovicus	0	41	Aquar.	11	bout this	
13	g	Wilfe	1	42		26	time	
14	a	Fr. Xavier	2	43	Pisces	10		
15	b	Gurcanus	3	44		23		
16	c	Dep. Edmun.	4	45	Aries	6		
17	d	Hugo	5	46		18		
18	e	24 after Trin.	6	47	Taur.	1	Some snow	
19	f	Elizabeth	7	48		13	or rain.	
20	g	Edmond R.	8	49		25		
21	a	Pref. V. M.	9	50	Gem.	7		
22	b	Cecilius	10	51		19		
23	c	Clemens	11	52	Cancer	1		
24	d	Chrysogon	12	53		13	Dark gloomy	
25	e	25 after Trin.	13	55		25	weather with	
26	f	Linus	14	56	Leo	7	wind, as also	
27	g	Maximus	15	57		19	some frost	
28	a	Term ends.	16	58	Virgo	1	with cold rain	
29	b	Saturnine	17	59		13	or snow.	
30	c	S. Andrew	19	0		26		

New moon the 5 day, 43 min. past 4 at night.
First quarter the 13 day, 20 min. past 10 beforenoon.
Full moon the 21 day, 8 min. past noon.
Last quarter the 29 day, 31 min past 11 beforenoon.

1	f	Daniel	20	1	Libra	9	
2	g	Advent Sund.	21	2		23	
3	a	Dep. Dim.	22	3	Scorp.	7	Good weather
4	b	Barbara	23	4		28	for the time
5	c	Sabini	24	5	Sagit.	7	of the year.
6	d	Nicolaus	25	6		22	
7	e	Ambrosii	26	7	Capr.	7	
8	f	Conscp. B. V.	27	8		22	
9	g	2 Sun. in Adv.	28	9	Aquar	7	
10	a	Eulalia	29	10		22	
11	b	Sun in Capr.	0 m	11	Pisces	6	Cold raw wet
12	c	Elphin	1	13		29	weather.
13	d	Lucie Virg.	2	14	Aries	3	
14	e	Nicetius	3	15		25	
15	f	Valerian	4	16		28	
16	g	3 Sun. in Adv.	5	18	Taur.	10	
17	a	Ignatius	6	19		22	
18	b	Gratian	7	20	Gem.	4	Frosty and ve-
19	c	Ember week	8	22		16	ry cold about
20	d	Julian	9	23		28	this time.
21	e	S. Thomas	10	24	Canc.	10	
22	f	30 Mart.	11	26		22	
23	g	4 Sun. in Adv.	12	27	Leo	4	
24	a	Adam & Eve	13	28		16	
25	b	Christmas day	14	29		28	
26	c	S. Stephen	15	31	Virgo	10	The Year ends
27	d	S. John.	16	32		23	with seasona-
28	e	Bl. Innocents	17	36	Libra	6	ble weather.
29	f	Jonathan	18	37		19	
30	g	Sun. aft. Christ.	19	38	Scorp.	2	
31	a	Silvester	20	39		16	

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin *Jan.* 1.) whereon every King and Queen of *Eng.* since the Conquest began their reign.			The number of Years, Months, and Days, that every K. and Q. reigned to reign: 28 da. to a month.							The num. of Y since they began	expired in this Y. since they ended.	
K. W. Conq.	1066	Octob. 14	20	y	11	m	22	d	638			
W. Rufus	1087	Sept 9	12	y	11	m	18	d	607	K. W. Conq.		
Henry 1	1100	Auguſt 1	35	y	4	m	11	d	594	W. Rufus		
Steven	1135	Decem. 3	18	y	11	m	18	d	559	Henry 1		
Henry 2	1154	Octob. 25	34	y	9	m	2	d	540	Steven		
Richard 1	1189	July 6	9	y	9	m	0	d	505	Henry 2		
John	1199	April 6	17	y	7	m	0	d	495	Richard 1		
Henry 3	1216	Octob. 19	56	y	1	m	0	d	472	John		
Edward 1	1272	Nov. 16	34	y	8	m	6	d	456	Henry 3		
Edward 2	1307	July 7	19	y	7	m	5	d	387	Edward 1		
Edward 3	1327	Jan. 25	50	y	5	m	7	d	367	Edward 2		
Richard 2	1377	June 21	22	y	3	m	14	d	317	Edward 3		
Henry 4	1399	Sept. 29	13	y	6	m	3	d	295	Richard 2		
Henry 5	1413	March 20	9	y	5	m	24	d	281	Henry 4		
Henry 6	1422	Auguſt 31	38	y	6	m	16	d	258	Henry 5		
Edward 4	1461	March 4	22	y	1	m	8	d	233	Henry 6		
Edward 5	1483	April 9	0	y	2	m	13	d	211	Edward 4		
Richard 3	1483	June 22	2	y	2	m	5	d	211	Edward 5		
Henry 7	1485	Auguſt 22	23	y	10	m	24	d	209	Richard 3		
Henry 8	1509	April 22	37	y	10	m	2	d	185	Henry 7		
Edward 6	1547	Jan. 28	6	y	5	m	19	d	147	Henry 8		
Q. Mary	1553	July 6	5	y	4	m	22	d	141	Edward 6		
Q. Elizabeth	1558	Nov. 17	44	y	4	m	15	d	136	Q. Mary		
James 1	1603	March 24	22	y	0	m	3	d	91	Q. Elizabeth		
Charles 1	1625	March 27	22	y	10	m	3	d	69	James 1		
Charles 2	1648	Jan. 30	36	y	0	m	0	d	45	Charles 1		
James 2	1685	Febr. 6	4	y	0	m	0	d	9	Charles 2		
William 3 Mary 2	1689	Febr. 13	Whom God grant long to Reign.						5	James 2		

The uſe of the Table in Example.

King *Henry* 8 began his Reign in the Year of *Chriſt* 1509, *April* 22 He Reigned 37 Years, 10 months, and 2 days It is ſince he began his Reign 185 years compleat the 22 of *April* this year 1694. Now to know the time ſince the end of his Reign, before his name ſtandingon the right hand, you ſhall there find 147 Years ſince he died, *Jan.* 28. And ſo of the reſt.

SWALLOW.

The latter part of this

ALMANACK

for the Year of our

LORD GOD

1694.

Being the second after Bissextile or Leap-year, and from the Conquest of *England* by *William* Duke of *Normandy* 628 years

Wherein is contained an account of the Eclipses, the time of the Sun's entrance into the four Cardinal Signs, Likewise an account of things good for several parts of the body, as also of bloud letting, and some short account of Husbandry, Planting and Grafting &c. Also rules with several Examples for measuring of Land. Likewise Tables of Weights and Measures, A Table of Timber measure, with Rules for measuring Boards Timber, and Tables for Purchasing explained, with other very delightfull things.

Poma dat Autumnus: formosa est messibus Æstas
Ver præbet flores: Igne levatur Hyems.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1694.

The Eclipſes for the year 1694.

THERE will be four Eclipſes, two of the Sun and two of the Moon, as followeth.

The firſt Eclipſe will be of the Moon, on the 1 of *January*, about noon; Celebrated in 22 Degrees of *Cancer*, but will be inviſible to us in *England*.

The Second will be of the Sun, on the 12 of *June*, in the beginning of *Cancer*, about 4 of the Clock in the afternoon, and there will be more then half of the Sun's body obſcured, and if the Air be clear will be viſible to us in *England*.

The Third will happen of the Moon, in 25 degrees of *Capricorn*, on the 26 of *June*, about midnight: It will be a ſmall one, yet may be ſeen by thoſe that are very curious in their obſervation.

The Fourth and Laſt will be of the Sun, on *December*, the 6 day near 5 at night and therefore inviſible to us here in *England*. But happening in *Sagittary* 25 degrees, we may be concern'd in the effects thereof; the place Eclipſed being in Oppoſition to *Gemini*, the *London* Horoſcope.

The Suns entrance into the four Cardinal Signs this Year.

HE enters ♈, *March* the 11, 28 minutes paſt 5 in the afternoon, and then begins our Spring Quarter.

He enters ♋ *June* the 12, 58 minutes paſt 6 in the morning, and then begins our Summer Quarter.

He enters ♎, *September* the 14, 26 minutes paſt 10 in the forenoon, and then begins our Autumn.

He enters ♑, *December* the 13, 48 minutes paſt 3 in the morning, and then begins our Winter Quarter.

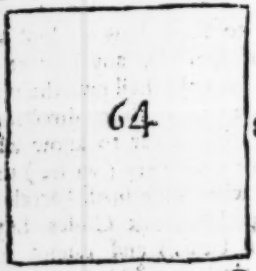
To

To Meaſure Land.

I Do not here intend to ſhow how to Plot and Meaſure all kind of Land by any manner of Inſtrument whatſoever, but only ſhall give the plain and honeſt Countrey Man ſome ſhort directions, how he may come ſomething near to know what his Lands amount to; for oftentimes (we ſee) they have occaſion to know what ſome ſmall Parcels of Ground do contain (perhaps little Cloſes, Leys, or Lands in the open Fields) and cannot oftimes (without a great deal of trouble) procure a Surveyor, and therefore I hope theſe few and plain directions following, will not be thought unneceſſary: But before we enter upon the ſame, let me tell him, he muſt provide a ſhort Chain, or if he cannot conveniently do that, let him take a ſtring, or a Pole of wood, that is ſtreight and ſlender, and divide it into Two Perches, each to contain ſixteen Feet and an half, and every of theſe Perches muſt be divided into Halves and Quarters at the leaſt; which being done, he may then proceed to meaſure his Land as followeth.

Firſt, If Land be juſt Square like unto the following Figure ABCD, then multiply the ſide in it ſelf, and the Product is the ſuperficial capacity. Example, ſuppoſe the ſquare ABCD

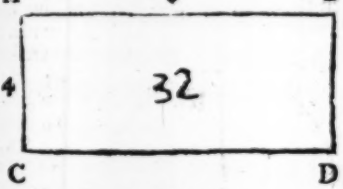
be a piece of Land, and the side thereof contain 8 Perches, therefore Multiply 8 into it self, and the Product is 64; and so many Perches doth that square Piece of Land contain. But if you cannot Multiply, you may account by your memory, saying 8 times 8, which you shall find to make 64, as aforesaid; that is 0 Acr. 1 Rood, and 24 Perches: for 40 Perches make a Rood, 80 half an Acre, 120 Three Roods, and 160 an Acre.



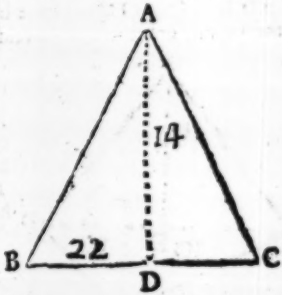
Secondly, If Land lie in the Form of a long Square or Parallelogram, having the opposite sides equal, like the following Figure A B C D, then multiply the longer side by the shorter and the Product is the content. Example, suppose the next Figure A B C D be a piece of Land whose longer side A B (equal to C D) is 8 Perches and the lesser side A C 4 Perches, Now if you Multiply 8 by 4, the Product 32 is the content of this piece of Land in Perches: After this manner may all kind of Lands in the open fields be measured, for though the one end be broader then the other;

yet

yet the breadth being taken at the ends, you must add them together and take the half thereof. Example, suppose the length of a Land taken in the field be 44 Perches, the breadth at one end 5, and the breadth at the other end 3 Perches, their Summ 8, the half thereof 4, is the true breadth, then say 4 times 44 is 176, and that is 1 Acr. and 16 Perches for the content of that Land.



Thirdly, If Land lie in the shape of a Triangle like this Figure, you are to Multiply the Perpendicular by half the Base, and the Product sheweth the content. Example, In this Figure the Base BC is 22 Perches, and the Perpendicular AD 14, which I multiply by the half Base 11, and the Product 154 is the content of the said Land in Perches, Remembring that we call the greater side of the Triangle



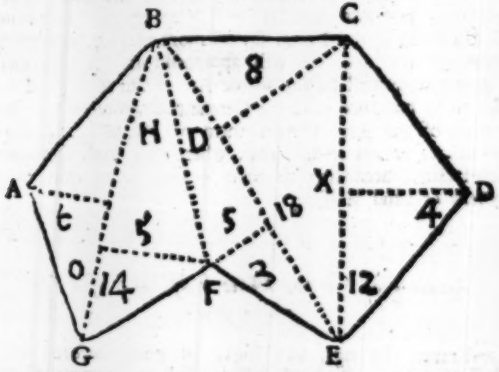
the Base, whereon the Perpendicular (coming from the opposite Angle) must fall square-wise, that is making right Angles therewith.

Fourthly, If Land be just in the form of a Circle, you must Note that the proportion of the Diameter to the Circumference is as 7 to 22, therefore the Diameter being known, you may conclude the Compass to be Three times so much, and one Seventh part more. As in this Circle ABCD, the Diameter BD is 14, and therefore the Compass is 44. To measure this piece of Land, Multiply half the Circumference by half the Diameter, and the product is the content. Example, In this Circle ABCD, the Diameter or greatest breadth thereof BD is 14, Now I Multiply 22 by 7, and the Product 154 is the quantity or content of the said piece of Land.

Fifthly, When Land lies in the fashion of this Figure A B C D, which is called a Trapezie; then Multiply the Sum of the Two Perpendiculars, by half the Base, and you shall have the superficial capacity thereof. Example, First I draw the Diagonal-Line B D, and thereon let fall the Perpendiculars A E and C F at Right Angles upon the Base B D,

B D, then I measure A E, and find it 10 Perches, and C F 8, their Summs are 18, which I Multiply by half the Base B D 15. and the Product is 270 Perches; that is 1 Acre, 2 Roods, and 30 Perches for the content of the piece of Land A B C D.

Sixthly, But if Land lie irregular, and be full of Nooks and Corners, then the best way will be to divide it into Trapezies and Triangles upon the Ground, which may be done by setting up little Sticks in a straight Line between corner and corner; as in this irregular Figure noted with the Letters A B C D E F G, where I draw Lines from one Angle to another, B G, B F, B E, C E, and so is the Figure reduced into the Trapezies A B G F, B F E C, and into the Triangle C D E. Then cast up the content of 2 Trapezies, and the Triangle as before is shewed, and their Sum is the content of this irregular Figure.



Example, In the Trapezie A B F G, the Summs of the Perpendiculars A H and F O are 11, and the half of the,

Base BG 7, which Multiplied together, make 77 for the content of the Trapezie ABFG. Again, in the Trapezie BCEF, the Sums of the Perpendiculars FS and CD are 21, and half the Base BE is 9, which Multiplied together make 99 for the content of that Trapezie. Thirdly, In the Triangle CDE, the half Base CE 6, Multiplied by DX 4, the Perpendicular maketh 24, the content of the Triangle CDE. Lastly, Add together the 2 Trapezies and the Triangle, and the Sum is the content of the whole irregular Figure ABCDEFG.

Example, { Trapezies { ABFG 77. / BCEF 99. } / Triangle CDE 24. } Sum 200.

These Three Numbers being added together, make 200 Perches, which is 1 Acre and 1 Rood; and so much doth this irregular Figure contain. After this manner may any ordinary Artificer or Tradesman cast up the true content and quality of any irregular Field whatsoever; which being so plain and facile, I need say no more thereof, conceiving there are very few but will apprehend it. As for those that would understand the whole Art of Surveying and desire to be furnished with the Geometrical grounds and Theorems of the Art, I refer them to Mr. *Wing's Geodætes Practicus*, or *Art of Surveying*, where they shall find much satisfaction, according to their desires. And thus much briefly of Land Measure.

Meats good for the whole body, and of a sanguine juyce.

GRapes, Raisings, and Figs, be good before meat, Morning Milk drunk fasting, Pullets, Pigeons, Capedees, Veal sucking, Young Pork, Beef not above 3 years old, Rice with Almond milk, Birds of the field, green

Geese,

Geese, Hen-Eggs new potched, nor *hard*, *Pheasants*, *Partridges*, and *Fishes* of *Stony Rivers*.

Meat good to temper Choller, and to asswage heat with moistnes.

New Cheese, Rapes, Lambs, Cowcumbers, all great Fish, Lungs, Brains, inward parts of beasts, and meats full of sinewes.

How the Vertues be corroborated.

The Vertues be either Vital, Animal, or Natural; the Vital Vertues remain in the heart, the Animal in the brain, and the Natural in the Liver: the Vital virtues are governed by *Sol* and *Jupiter*, the Animal of *Luna*, *Mercury*, and *Venus*; and the Natural of *Jove* and *Venus*.

Other Vertues be also governed of the Planets, as the vertue Attractive is governed of *Sol*, the Digestive of *Jove*, the Retentive of *Saturn*, and the Expulsive of *Luna*.

Also the Signs thus govern the vertues, *Aries* and *Sagitarius* rule the Attractive, *Gemini* and *Libra* the Digestive, *Taurus* and *Virgo* the Retentive, and *Cancer* and *Pisces* the Expulsive.

Also the Vertues be ruled by the Planets thus: *Sol* the well-Spring of the vertues Vital, *Luna* of the vertues Animal, *Saturn* of the Receptive, *Jupiter* of the Augmentative, and *Mercury* of the Imaginative: Therefore when you would fortifie any of these Vertues, fortifie the Planet signifying the same and it is done.

Rules for drawing of bloud.

In letting of bloud you must know what persons are fit to bleed, and what not; and if they be fit, how it is with the person inwardly, for his complection and Age, and

and outwardly for the time of the year, time of the month, day and diet.

For Complection.

For the Phlegmatick let the Moon be in *Aries* or *Sagitarius* when ye draw bloud. For the Melancholly in *Libra* or *Aquarius*. For the Cholerick in *Cancer* or *Pisces*. And for the Sanguine in any of the aforesaid: *Luna signum membrum dominans peragrante.*

For Age, Let bloud

In Youth from the change to the first Quarter. In middle age from the first quarter to the full. In elder age, from the full to the last quarter. In old age from the last quarter to the change.

For the time of the year.

The Spring is best, harvest indifferent, the rest of the year bad, and to be used but upon necessity.

For the time of the Month.

Let not bloud 3 days before or after the change, the day before and after the Conjunction of *Luna* and *Saturn*, the like of the Conjunction of *Luna* and *Mars*; Let not bloud, *Venus* and *Luna* in Conjunction, while *Venus* is combust, Let not bloud the day before and after the full Moon: the like observe, the Moon in Conjunction with *Saturn* or *Mars*. The Moon in any Aspect with *Jupiter* or *Venus*, or in a Sextile or Trine with *Sol* or *Mars* produce a fit time to let bloud: *this to the skilful may be of use.*

The

The time of the day.

The morning faſting is beſt, or in the evening after perfect digeſtion, provided the Air be temperate and the wind not ſouth. Perſons that are not fit to bleed be ſuch as are under the age of 14 years, or more then 59 years old, or, thoſe that are exceeding fat, or very lean. And after bleeding uſe no violent exerciſe, no Sleeping, Venery, or Gluttony.

Things good for many parts, and firſt for the head.

Galingal, Marjoram, Roſemary, Roſes, Hyſop, Camomil, Rue and Frankinſcence.

For the Heart, Cinnamon, Saffron, Cloves, Mace, Bugloſs, Burrage, Setnal, Roſemary, Marjoram, Muſk and Nutmeggs.

For the Stomach, Quinces, Nutmeggs, Saffron, Wormwood, Coral, Mint, Cloves and Coriander prepared.

For the Eyes, Fennel, Verven, Cloves, cold water, Celendine, Eye-bright.

For the Liver, Lettice, Liverwort, Violets, Roſewater, Plantan, Fennel and Cloves.

For the Lungs, Licoriſh, Raiſins, Almonds, Dates, Lungwort and Pennidice.

A Medicine good for the Dropſie, or Scurvy, and to clear the Blood.

TAKE Four gallons of Ale drawn from the tap into an earthen Stand, when the Ale is Two days old, then you muſt put in of Brook-lime, of Water-creſſes, of Water-mines with red ſtalks, of each Four handfuls, half a peck of Scurvy-graſs, let all theſe be clean picked, and waſhed, and dried with a cloth, and ſhred with a knife, and

and then put into a bag, then put into the Ale and ſtop it cloſe, ſo that it have no vent, ſtop it with Rie paſte; the beſt Scurvy-graſs groweth by the water ſide, it muſt be ſeven days after the things be in before you drink it. Take Two quarts of water, and put in Four Ounces of *Eryſicum*, Two Ounces of Sarſaparilla, One Ounce of Saxifrage, put it into a pipkin, and infuſe it upon the embers for Twelve hours, and then ſtrain it, and put it into the Ale as ſoon as it hath done working; this being added makes the more Caudle.

Elections for husbandry.

BEfore you plant, or graft, conſider the wind: For if it be in the North, or Eaſt, ceaſe thy labour. This being known, plant or graft generally the Moon Increaſing in *Taurus* or *Aquarius*, and you may find by the former part of this Almanack what ſign the moon is in all the year. Remove and ſet young trees in the laſt quarter, the Moon in *Taurus*, or *Capricorn*, in *September*, *October*, *November*, and *February*. Sow all kind of Corn the moon increaſing in *Cancer*. Set or ſow all kind of ſeeds the Moon well ſeated in *Aries*, *Taurus*, *Cancer*, *Virgo*, *Libra*, *Capricorn*, *Aquarius* or *Piſces*, but with this proviſo, that your ſeeds whoſe roots be round, be ſown three or four days after the full Moon; but for ſtore, take the increaſe from *February* to *June*. Gather fruits at the full moon *&c.* Fell Coppice in the firſt quarter: ſhear ſheep in the increaſe, and then cut hair to make it grow faſt and thick. Cut Vines in *February*, *March* or *September*, the moon increaſing in *Aries*, *Libra* or *Scorpio*.

Lybb or geld cattle the moon increaſing in *Aries*, *Sagitarius* or *Capricorn*.

Muck your land that weeds may not grow thereby, in the decreaſing of the Moon.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month.			3 months			6 months			9 months			A Year.		
		lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
Shil.	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	0	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	[illegible]	1	5	4	2	8	0	3	10	9	0
Tens of Pounds.		lo.	lb.	p.	lo.	lb.	p.	lo.	lb.	p.	lo.	lb.	p.	lo.	lb.	p.
	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	[illegible]	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	[illegible]	0	6	0	0

Find the Principal in the first Column, and in the other you have the Interest due for One, Three, Six, Nine, or Twelve months.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	MAKE	1 Peny w.
20 Peny weig.	MAKE	1 Ounce.
12 Ounces	MAKE	1 po. *Troy*

Apothecaries Weight.

20 Grains	MAKE	1 Scruple.
3 Scruples	MAKE	1 Dram.
8 Drams	MAKE	1 Ounce.
12 Ounces	MAKE	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

16 Drams	MAKE	an Ounce.
16 Ounces	MAKE	a Pound.
28 Pound	MAKE	1 Quarter.
4 Quarters	MAKE	1 Hu or 112
20 Hundreds	MAKE	1 Tun.

Of Liquid Measure

2 Pints	MAKE	1 Quart.
2 Quarts	MAKE	1 Pottle.
2 Pottles	MAKE	1 Gallon
8 Gallons	MAKE	1 Firkin of Ale, Sope, Herrings
9 Gallons	MAKE	1 Firkin of Beer.
10 Gall. ½	MAKE	1 Firkin of Salmon or Eels.
2 Firkins	MAKE	1 Kilderkin
2 Kilderk.	MAKE	1 Barrel.
42 Gallons	MAKE	1 Tierce of Wine.
63 Gallons	MAKE	1 Hogshead
2 Hogsh.	MAKE	1 pipe, Butt.

Dry Measure.

2 Gallons	MAKE	1 Peck.
4 Pecks	MAKE	1 Bushel land meas.
5 Pecks	MAKE	1 Bushel wat. meas.
8 Bushels	MAKE	1 Quarter.
4 Quarters	MAKE	1 Chalder.
5 Quarters	MAKE	1 Wey.

Long Measure.

3 Barly Corns	MAKE	1 Inch.
12 Inches	MAKE	1 foot.
3 feet	MAKE	1 Yard.
3 feet 9 Inth.	MAKE	1 Ell.
6 feet	MAKE	1 fathom
5 yaads and ½	MAKE	1 Pole.
40 Poles	MAKE	1 furlong.
8 furlongs	MAKE	1 *En.* mile

Land Measure.

1 Pole in breadth and 40 in length make a Rood of Land.
4 Roods make an Acre, wch contains 160 square Pole.

Cloath Measure.

4 Nails	MAKE	1 Quarter.
4 Quarters	MAKE	1 Yard.
5 Quarters	MAKE	1 Ell.
3 Quarters	MAKE	1 Ell *Flem.*

A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compass of any Round Piece of Timber.

The Compass of the Tree in Inches.

Com.	In.	parts.	Com.	In.	parts	Com.	In.	parts
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	812	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	151	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	228	51	8	349	81	3	310
22	44	865	52	8	30	82	3	230
23	40	904	53	7	730	83	3	152
24	37	690	54	7	447	84	3	78
25	34	743	55	7	178	85	3	6
26	32	122	56	6	924	86	2	936
27	29	787	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	565
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	755	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	696	98	2	261
39	14	276	69	4	561	99	2	216
						100	2	171

The uſe of the Table.

Firſt gir the Piece about, then look the length of that Girt under the title Com. and againſt it is the length of a Foot ſolid in Inches and parts of Inches.

Example.

Suppoſe a piece of Timber be 80 Inches about, then look 80 under the title Com. and againſt it in the next Column toward the right hand is 3 Inches and 393 decimal parts of an Inch, (that is 393 thouſand parts, ſuppoſing the Inch to be divided into 1000 parts) for the length of a Foot.

For Square Timber.

Divide always 1728. (the Cubick inches in a foot ſolid) by the Content at the end, and the Quotient ſhews the length of a foot ſolid in Inches.

Example.

Let a piece of Timber be 12 Inches broad and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728 the Quotient is 14 Inches, and $\frac{48}{120}$ parts for the length of a foot ſolid.

For Boards.

Divide always 144 (the Inches in a foot ſquare) by the breadth, and the Quotient ſhews the length of a foot ſquare in Inches.

Example.

If a board be 16 Inches broad, then 144 divided by 16 the Quotient is 9 Inches for the length of a foot according to that breadth.

For Circles.

If the Circumference be given, multiply it by it ſelf, and then by 7, the laſt product divide by 88, and the Quotient ſhews the Content: if the Diameter be only given, multiply it by it ſelf, and then by 11 the laſt product divide by 14 and the Quotient ſhews the Content.

A Table of the hour and minute of Sun-rising every second day.

Day	Januar.		Febru.		March		April		May		June	
	ho	mi.	ho	mi.	ho	mi.	ho.	mi.	ho	mi.	ho.	mi.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	11	6	12	5	10	4	17	3	45
6	7	58	7	7	6	8	5	6	4	14	3	44
8	7	56	7	3	6	4	5	2	4	11	3	43
10	7	53	6	57	6	0	4	58	4	7	3	43
12	7	51	6	53	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	0	0	5	21	4	22	3	47	3	52

Day	July		August		Septem.		Octob.		Nov		Decem	
	ho	mi	ho	mi.	ho.	mi.	ho	mi.	ho	mi	ho.	mi
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	46	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	56	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	12
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	9
30	4	34	5	32	6	36	7	32	8	13	8	7

Seek the day on the side; and right against it, in every month, you have the hour and minute of the Sun-rising.

Look how many minutes the Sun rises after 3, 4, 5, 6, 7, 8. so many he sets before 9, 8, 7, 6, 5, 4.

A Table of Annuities and Reversions.

What 1 pound to be paid any number of years hence, under 31, is worth in ready money.				What 1lb Annuity to continue any time under 31 years is worth in ready money at 6 per cent.				What 1 pound will amount to at any time under 21 year reckoning Interest upon Interest.			
	sh.	d.	q.	lb.	sh.	d.	q.	lb.	sh.	d.	q.
1	18	10	2	0	18	10	2	1	1	2	2
2	17	9	2	1	16	8	0	1	2	5	1
3	16	9	2	2	13	5	2	1	3	9	3
4	15	10	0	3	9	3	2	1	5	3	0
5	14	11	1	4	4	3	0	1	6	9	0
6	14	1	1	4	18	4	1	1	8	4	2
7	13	3	2	5	11	7	3	1	10	0	3
8	12	6	2	6	4	2	1	1	11	10	2
9	11	10	0	6	16	0	1	1	13	9	2
10	11	2	0	7	7	2	1	1	15	9	3
11	10	6	2	7	17	8	3	1	17	11	2
12	9	11	1	8	7	8	0	2	0	3	0
13	9	4	2	8	17	0	2	2	2	7	3
14	8	10	0	9	5	18	3	2	5	2	2
15	8	4	0	9	14	3	0	2	7	11	1
16	7	10	2	10	2	1	2	2	10	9	2
17	7	5	0	10	9	6	2	2	13	10	2
18	7	0	0	11	16	6	2	3	17	1	0
19	6	7	1	11	3	2	0	3	0	6	0
20	6	2	3	11	9	4	3	3	4	1	3
21	5	10	2	11	15	3	1	3	7	11	3
22	5	6	2	12	0	10	0				
23	5	2	3	12	6	0	3				
24	4	11	1	12	11	0	0				
25	4	7	2	12	15	8	0				
26	4	4	3	13	0	0	3				
27	4	1	3	13	4	2	2				
28	3	11	0	13	8	1	3				
29	3	9	1	13	11	9	2				
30	3	5	3	13	15	3	2				

By this Table you may readily find the increase of any other summ for such a number of years: for if 1lb come to so much then such suppose 5lb will come to 5 times as much &c.

The

The uſe of the Tables.

THE firſt Table ſhewing the decreaſe of one Pound yearly at 6 *per cent.* may be uſed in buying Reverſions, &c. As ſuppoſe a parcel of Land or Houſe or the like, whoſe fee ſimple or real worth is 200^{lb}, and it be Mortgaged or Leaſed out for 20 years, then what is the Reverſion thereof after that 20 years worth in ready Money? for anſwer, I look againſt 20 years and find that the Reverſion of one Pound after 20 years is worth 3^{lb} 6^{sh} 2^{d} 3^{q}, then if 1^{lb} be worth 6^{sh} 2^{d} 3^{q}, 200^{lb} will be 200 times as much, which will be 62^{lb} 5^{sh} 10^{d} for the value of the reverſion required.

The ſecond Table may be uſed in buying of Leaſes, &c. as ſuppoſe I am to buy a Leaſe of 10^{lb} *per annum*, for 21 years, what ready money may I give at the rate of 6^{lb} *per cent. per ann.* for anſwer, I look againſt 21 years and find that 1^{lb} annuity to continue 21 years is worth in ready money 11^{lb} 15^{sh} 3^{d} 1^{q}, then I ſay if 1^{lb} annuity for 21 years be worth 11^{lb} 15^{sh} 3^{d} 1^{q}, then 10^{lb} annuity for the ſame time will be worth 10 times as much, which will be 117^{lb} 12^{sh} 8^{d} 2^{q}, for the value of the Leaſe required.

The third Table may be uſed in putting out money for a certain time at 6^{lb} *per cent. per ann.* as ſuppoſe 20^{lb} be let out for 7 years what will it amount to in that time, reckoning Intereſt upon Intereſt? For anſwer, I look againſt 7 years, and find that 1^{lb} will amount to in that time 1^{lb} 10^{sh} 0^{d} 3^{q}, then I ſay 20^{lb} will amount to 20 times as much, which will be 30^{lb} 1^{sh} 3^{d}.

The uſe of the following Table is plain and eaſie, for ſuppoſe I am to find *Eaſter* this preſent year 1694. then having found the Golden Number 4, and Dominical Letter G at the bottom of the Table, I look under the Dominical Letter G at the top, and right againſt the Golden Number 4 at the left hand, and in the Common angle of meeting I find *April* 8 for *Eaſter* Day.

A Table shewing how to find Easter for ever by the help of the Golden Number and Dominical Letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar. 26	27	28	29	21	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	mar. 31	apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar. 28	29	30	31	apr. 1
xi	Apr. 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar. 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	5	7	8
xvi	Mar. 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 30	31	apr. 1
xix	apr. 23	24	18	19	20	21	22

Year of our Lord	1691	1692	1693	1694	1695	1696	1697
G.N.	1	2	3	4	5	6	7
D. Le.	D	CB	A	G	F	ED	C

The

The Names of the principal Fairs in England, *as they have heretofore been ſet forth by others, and are now Corrected and continued for the common good.*

January.

THE 5 day at Hicetford in Lancaſhire, the 6 day at Saliſbury, Tueſday after at Melton-Mowbray, the Thurſday after at Banbury: the third Tueſday in January at Potton: the 25 at Graveſend, Briſtoll, Churchinford, Norhallerton in Yorkſhire every Wedneſday from Chriſtmas till June.

February.

The 1 day at Bromley in Lancaſhire, the 2 at Reading in Barkſhire, at Maidſton, Bickleſworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Feverſham: 24 at Henley upon Thames, Baldock: On Aſhwedneſday at Royſton, Dunſtable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The firſt Thurſday in Lent at Banbury: the 26 at Stanford an Horſe Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Aſſome in Norfolk, Sudbury, Wooburn, Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham. Alesbury: Munday before our Lady day at Kendal, at Wisbich. 25 at Huntington, Northampton, Malden, Aſhwell in Hartfordſhire, Newcaſtle, Oney, S. Albans: Midlent Saturday at Saffron-Walden: Palmſunday-eve at Wisbich, Worceſter, Pomfret, on Goodfriday at Norwich, the Tueſday before Eaſter at Potton.

April.

Eaſter Munday at Oney in Bedfordſhire, Gainsborough, Eaſter Tueſday at Daintry in Northamptonſhire, Godmanchester, Schole in Norfolk, S. Edmunds-bury. On Wedneſday at Wellingborough in Northamptonſh. On Friday

in the ſame week at Darby. On Saturday at Bickleſworth: 2 day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby. 9 at Billingſworth, Bickleſworth: the 22 at Stabford, 23 at Ipſwich, Harbin in Norfolk, Northampton, Sapſar in Hartfordſhire, Charing, Hinningham, Tamworth, Bury in Lancaſhire. S[t] Pombs in Cornwal, Ampthill, Chicheſter, Engfield, Gilford, Biſhops-Hatfield: the 25 at Buckingham, at Bourn in Lincolnſ. at Colebrook, Dunmow in Eſſex, Darby, Oakham in Rutlandſhire: the 29 at Tenderden in Kent, Cleet. 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Eſſex, Laytonbuzzard in Huntingtonſhire, Rippon in Yorkſ. Reading, Maidſtone, Chelmford, Leiceſter, Litchfield, Lexfield in Suffolk, Stow, Stanſted, Tuxford in the Clay, the 3 day at Elſtow in Bedfordſhire, Noneaton in Warwickſ. Thetford in Norfolk, Waltham Abby, Hinningham, Rochdale, Bramyard, the 6 at Almeſbury, at Aſhford, 7 at Newton in Lancaſhire, Beverly, Oxford, Bath: the 8 at Maidſtone: the 11. 12. 13. at Applechaw, 19 at Rocheſter, Dunſtable, Magfield in Suffolk. On Rogation Munday at Reach. On Aſcenſion day at Thaxted, Beverly, Rippon, Sudminſter, Biſhopſtratford, S. Neots, Wickham in Lancaſhire, Middle-wich in Cheſhire, Chappel-Frith in Darbiſh. On Whitſun-even at Skipton in Craven. On Whitſun-Munday at S. Ives, Rygate in Surry, Bickleſworth, Bradford, Agmunſham in Buckinghamſh. On Whitſun-Tueſday at Newmarket. On Wedneſday at Royſton. Thurſday at Owndle in Northamptonſ. 26 at Leaham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Chriſti day at Banbury, Biſhopſtratford, S. Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidſtone. 11 at Breme in Norfolk, Bardfield in Eſſex. 17 at Hadſtock, 23 at S. Albans, Deerham in Norfolk, Shrewsbury, 24 at Halſon in Suffolk, Barnwel by Cambridge, Bedford, Colcheſter, Hartford,

Hartford, Leiceſter, Rumford, Reading, Windſor, Halliſax, York, Beverly, Haſlingden, 26 at Briſtol, Darby. 27 at Burton on Trent, Folſtone. 28 at S. Pombs in Cornw. 29 at Peterborough, Aſhwel, Sudbury, Stebbing in Eſſex. Benington in Hartfordſhire.

July.

The firſt Tueſday at Potton. The 1, 2, 3 days at Congleſtone in Cheſhire, 7 at Royſton, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodſtock. The 22 at Ickleton, Bickleſworth, Norwich, Colcheſter, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipſwich, Stamford.

Auguſt.

The firſt day at Bedford, S. Neots, Dunſtable, Feverſham, Wisbich, Bickleſworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggers-buſh, Burton, the 28 at Aſhford, Daintry,: the 29 at Halſon in Suffolk, Harlow-Buſh in Eſſex, Watford.

September.

The firſt day at S. Giles in the Buſh. On Thurſday and Friday before the 8 day at Sandback in Cheſhire. 7, 8, 9, 10 at Woodbury-hill in Dorſetſhire, 7 at Ware, 8 at Huntington, Bury in Lancaſhire, Partney, Wakefield, Northampton, Sturbridge fair begins: The 11 at Woolpit in Suff. 14 at Rippon, Waltham-Abby, Cheſterfield in Darbiſhire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderneſs, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Baſingſtoke, Marketdeeping, Shelford in Bedfordſh. Biſhopſtratford, Malden, Stow in Lincolnſh. S. Albans, Canterbury, Leiceſter, Newbury, Weſtcheſter, Weymer for 7 days: Thurſday after at Banbury.

October.

October.

The 2 day at Salisbury, the 6 at Havent in Hampſ. Maidſtone, Coolidge, Gayworth by Lyn, S. Faiths by Norwich: the 8 at Biſhopſtratford, Harborough, 9 Gainsborough: the 13 at Winſor, Colcheſter, Graveſend, Hitchin, Royſton: the Tueſday before S. Luke at Potton: 18 at Ely, Biſhop Hatfield, Barnet, Banbury, Thriſt, Burton, on Trent, Wellinborough: the 21 at Saffron Walden, Coventry: the 23 at Bickleſworth, 24. 25, 26. at Applechaw, 28 at Newmarket Hartford, Oxford, Diſs, Wakefield, Stamford, Richdale, in Lancaſhire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingſton on Thames, Padamhaſſon in Suffolk, 6 at Newportpond, Bedford, Hartford, 11 at Lodden in Norfolk, Lenton in Nottinghamſhire, Hempton, Fockingham, Bridgeſtock, Marlborough: the 17 at Spalding in Lincolnſh. Lincoln, Harlow, Hide, Northampton: the 19 at Horſham in Kent: the 20 at S. Edmundsbury, Ingerſton in Eſſex, Heath. the 23 at Sandwich, the 30 at Baldock, Bareford, Kolingborough, Maidenhead, Warrington, Rocheſter, Wakefield, York.

December.

The firſt day at Turbury: the 5 at Pluckley: the 9 at S. Neots, at Woodſtock, Exeter, Spalding, Norwich in Cheſhire, Seven-oak in Kent, Arundel, Grantham: the 7 at Sandhurſt, the 8 at Northampton, Clitheral in Lancaſhire, Huntington, Leiceſter, at Malpas in Cheſhire: the 29 at Canterbury, Salisbury.

Advertiſement.

THE Mirror of Martyrs, in two parts, 12° —— Dr *Tompſons* Exercitations and Meditations Opening the Duties of the Chriſtian Religion 8° —— *Moſes* Reviv'd, or a Treatiſe againſt eating of Blood, by *John Moore* 8° —— *Baſilius Valentius* his laſt will and Teſtament 8° —— *Diogenes Laertius* his lives, opinions and ſayings of the Philoſophers Tranſlated by ſeveral hands 8°. All Printed for *Edw. Brewſter* at the Crane in St. *Paul's* Church-yard, *London.*

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